

Work Order ID 59756

Thursday, June 10, 2010 2:43:40 PM



Page 1

Item ID: D076-612-015

Accept



Setup Start



Revision ID:

Stop



Item Name: Cargo Mirror Assembly

Start Date: 6/10/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 6/25/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan:  Date: 6-6-10

Tooling:

Date:

Run Start



QC: _____ Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

DSI9304

Rev A

100



DOCUMENT CONTROL

0.00

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D076-612-015 CHG002

8/26/13

110



Pick Kit

0.00

Packaging

Memo

0.00

Packaging

8/27/13 (1)

120



QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.00

Quality Control

8/26/13

(1)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Customer:

Reference:

Approvals: Process Plan: _____ Date: _____

Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____

SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D076-612-015

Location: _____

PPP Rev: C

10-7 134

140

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

100713

10-7-13

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

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Page 1

Work Order ID: 59756

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 6/10/2010

Required Date: 6/25/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2012-117 Clevis		Manufactured	No			110	Each	32.0000	3	3			

Location

Loc Qty

Loc Code

WA

32

52498

2

55729

30

52498 20
55729 10

D2261

Manufactured

No

110

Each

1.0000

1

Mirror Arm - Long S76

Location

Loc Qty

Loc Code

ST228

1

57266

1

57266

D2262

Manufactured

No

110

Each

4.0000

1

Mirror Arm - Short S76

Location

Loc Qty

Loc Code

MEZZ

4

39695

1

51565

3

39695

D2263-1

Manufactured

No

110

Each

80.0000

2

Clamp

Location

Loc Qty

Loc Code

Mezz

80

16733

80

16733

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 2 / 5

Work Order ID: 59756

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly





Comments: IPP Rev: A 05.05.12 New issue KJ/JLM

Start Date: 6/10/2010

Required Date: 6/25/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2263-3  Castings		Manufactured	No			110	Each	183.0000	2	2			
<div> <div>Location</div> <div>MEZZ</div> <div>15445</div> </div> <div> <div>Loc Qty</div> <div>183</div> <div>183</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>													
D2264  Cushion		Manufactured	No			110	Each	50.0000	3	15440 13			
<div> <div>Location</div> <div>ST228</div> <div>54727</div> </div> <div> <div>Loc Qty</div> <div>50</div> <div>50</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>													
D2271  "L" Bracket Assembly		Manufactured	No			110	Each	2.0000	3	54727 13			
<div> <div>Location</div> <div>ST010</div> <div>56851</div> </div> <div> <div>Loc Qty</div> <div>2</div> <div>2</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>													
D2274  Radius Block		Manufactured	No			110	Each	639.0000	2	56851 2p 2			
<div> <div>Location</div> <div>ST010</div> <div>57714</div> <div>57912</div> <div>59108</div> </div> <div> <div>Loc Qty</div> <div>639</div> <div>146</div> <div>273</div> <div>220</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> <div></div> </div>													

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Page 3 15

Work Order ID: 59756

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 6/10/2010

Required Date: 6/25/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
S D2856-100-250 ABRASION STRIP	measured * 1 + 2.5	Manufactured	No		2856-400	110	Each	0.0000	2	2			
S D3439-101 Mirror Assembly 8"		Manufactured	No			110	Each	0.0000	1	1			
8 AN3-11A Bolt		Purchased	No			110	Each	144.0000	3	3			

Location

Loc Qty

Loc Code

ST351

144

110865

144

1 AN4-5A

Purchased

No

110

Each

230.0000

2

Bolt

Location

Loc Qty

Loc Code

ST356

230

114108

30

114330

200

S AN960JD10

NAS1149D0363J

Purchased

No

110

Each

0.0000

9

Washer

6 AN960JD416

NAS1149D0463J

Purchased

No

110

Each

18.0000

10

Washer

Location

Loc Qty

Loc Code

ST357

18

107939

18

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Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 59756

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly

Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

Start Date: 6/10/2010

Required Date: 6/25/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS21042L3 Nut		Purchased	No			110	Each	3,282.000	6	6			

Location	Loc Qty	Loc Code
ST300	3282	
113537	18	
113644	3	
114523	761	
114718	500	
114784	2000	

m114523

MS21042L4 Nut		Purchased	No			110	Each	3,820.000	3	3			
------------------	--	-----------	----	--	--	-----	------	-----------	---	---	--	--	--

Location	Loc Qty	Loc Code
ST139	2	
111827	2	
ST300	3818	
113422	68	
114523	742	
114718	1000	
114784	2000	
9063	8	

m114718

MS27039-1-14 Screw		Purchased	No			110	Each	147.0000	3	3			
-----------------------	--	-----------	----	--	--	-----	------	----------	---	---	--	--	--

Location	Loc Qty	Loc Code
ST292	147	
112312	100	
15924	47	

15924

134
Pc 6/7/13 (1)

Thursday, June 10, 2010 2:43:45 PM

Shop Packet Print

Page 4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Page 5/5

Work Order ID: 59756

Parent Item: D076-612-015

Parent Item Name: Cargo Mirror Assembly


Comments: IPP Rev:A 05.05.12 New issue KJ/JLM

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Required Date: 6/25/2010


Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
8 NAS1738B-4-2  Blind Rivet		Purchased	No			110	Each	32.0000	9	9			

Location Loc Qty Loc Code

ST278 32
112082 32

8 AN4-10A  Bolt		Purchased	No			110	Each	135.0000	1	1			
---	--	-----------	----	--	--	-----	------	----------	---	---	--	--	--

Location Loc Qty Loc Code

ST356 135
113422 35
114523 100

M112082

6/17/13 (1)

M113422

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

DART

DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. DSI 9304	REV. C SHEET 1 OF 2
DATE 05.06.13		TITLE MIRROR SUBSTITUTION	SCALE NTS
A	05.05.27	NEW ISSUE	
B	05.06.03	ADD OPTIONAL ANTI-SLIP HARDWARE	
C	05.06.13	NOW PERMANENT KIT CHANGE	

DART SERVICE INSTRUCTION REFERENCE
TO AMEND INSTALLATION INSTRUCTIONS IIN-D076-612 REV. A
REF. CANADIAN STC: SH94-38 ISSUE 2
REF. FAA STC: SR00298NY

For the D076-612-015 CHG 002 Cargo Mirror kit, the **D2011-103** Mirror referenced in IIN-D076-612 rev.A has been replaced with the **D3439-101** Mirror Assembly. The attaching hardware for this mirror has been changed to reduce the chance of slippage in flight. The mirror should be installed per the figure on page 2 of this document. The parts list for the D076-612-015 Cargo Mirror kit is given below.

Qty -015	Part Number	Description
X	D076-612-015	CARGO MIRROR, 8"
1	D3439-101	Mirror Assembly(8")
1	*D3015-3	Locknut
1	*5/16WC	Washer
3	D2012-117	Clevis
1	D2261	Arm Assembly
1	D2262	Arm Assembly
2	D2263-1	Clamp
2	D2263-3	Clamp
3	D2264	Cushion
3	D2271	Bracket
2	D2274	Radius Block
2	D2856-100-250	Abrasion Strips
3	AN3-11A	Bolt
2	AN4-5A	Bolt
1	AN4-10A	Bolt
9	AN960JD10	Washer
10	AN960JD416	Washer
6	MS21042L3	Nut (or MS21042-3)
3	MS21042L4	Nut (or MS21042-4)
3	MS27039-1-14	Screw
9	NAS1738B-4-2	Blind Rivet

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 05.06.13
CERT. NO.: SH94-38
ISSUE NO.: 2

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Page 1

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Accept



Revision ID:

Setup Start



Item Name: Cargo Mirror Assembly

Stop



Start Date: 6/10/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 6/25/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

M

Date: 10-6-10

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

DSI9304

Rev A

100



DOCUMENT CONTROL

0.00

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D076-612-015 CHG002

10/7/13

REFERENCE ONLY

10/7/13

110



Pick Kit

0.00

Packaging

Memo

0.00

Packaging

120



QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.00

Quality Control